

ROBERT E. BUSHNELL*†

JOSEPH G. SEEGER°
JOHN C. BROSKY°+
DARREN R. CREW+*
MATTHEW J. LESTINA†*
SARYADVINDER S. SAHOTA†*

MICHAEL D. PARKER
DANIEL A. GESELOWITZ, Ph.D.
(REG. PATENT AGENTS)

† ADMITTED IN MARYLAND
° ADMITTED IN VIRGINIA
+ ADMITTED IN PENNSYLVANIA
‡ ADMITTED IN NEW YORK
* NOT ADMITTED IN D.C.

Assistant Commissioner for Patents
Washington, D.C. 20231

R. E. BUSHNELL

ATTORNEY AT LAW

1522 K STREET, N.W., SUITE 300
WASHINGTON, D.C. 20005-1202
UNITED STATES OF AMERICA

18 January 2000

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 408-9040
TELEPHONE (202) 638-5740
FACSIMILE (202) 289-7100
FACSIMILE (202) 628-0755
FACSIMILE (202) 628-3835
FACSIMILE (410) 747-0022

E-MAIL: REBUSHNELL@AOL.COM

- ☐ U.S. Postal Service
☐ Via Local Courier
☐ Via International Courier
☐ Via Facsimile No. _____
☐ Via E-Mail Attachment
☐ Please Acknowledge Receipt
Attorney Docket: P55955

Sir:

Submitted herewith is the following patent application:

Inventor: 1) KEUN-HO SHIN

Title: OPTICAL FILTER AND APPARATUS AND METHOD FOR
MONITORING OPTICAL CHANNEL USING THE OPTICAL
FILTER

Please find attached hereto an application for patent which includes: Specification and Abstract,
Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the
foreign priority document identified below:

Verified Showing of Small Entity Status: **NO**

Drawings: Formal drawings, 1 sheet, Figures 1 through 3

Claim of priority under 35 U.S.C. §119: **YES**

** The Republic Of Korea Application No. 1260/1999 filed on 18 January 1999.

FEE (see formula below): CHECK IS ENCLOSED (#34526)

Basic Fee \$345/690 **\$690.00**

Additional Fees:

Total number of claims in excess of 20: ____ times \$9/18 . **\$0.00**

Number of independent claims in excess of 3: ____ times \$39/78 **\$0.00**

Multiple Dependent Claims \$130/260 **\$0.00**

An Assignment is likewise enclosed: Recording Fee \$40 .. **\$0.00**

Filing Non-English specification **\$0.00**

TOTAL FEES FOR THE ABOVE APPLICATION \$690.00

01/18/00



PTO/SB/17 (2/98)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§1.27 and 1.28.

Complete If Known

Application Number to be assigned

Filing Date 18 January 2000

First Named Inventor KEUN-HO SHIN

Examiner Name to be assigned

Group/Art Unit to be assigned

TOTAL AMOUNT OF PAYMENT (\$ 690.00)

Attorney Docket No. P55955

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number:

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. ☐ Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance.

2. Payment Enclosed: (CHECK #34526)

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	\$690.00
106	310	206	155	Design filing fee	\$
107	480	207	240	Plant filing fee	\$
108	690	208	345	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$

SUBTOTAL (1) (\$ 690.00)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total claims	16	-20** =	x =
Independent Claims	3	-3** =	x =
Multiple Dependent			=

** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge-late filing fee or oath	\$
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For filing a request for reexamination	\$

112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
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113	1,840 *	113	1,840*	Requesting publication of SIR after Examiner action	\$
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115	110	215	55	Extension for reply within first month	\$
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116	380	216	190	Extension for reply within second month	\$
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117	870	217	435	Extension for reply within third month	\$
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118	1,360	218	680	Extension for reply within fourth month	\$
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128	1,850	228	925	Extension for reply within fifth month	\$
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119	300	219	150	Notice of Appeal	\$
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120	300	220	150	Filing a brief in support of an appeal	\$
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121	260	221	130	Request for oral hearing	\$
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138	1,510	138	1,510	Petition to institute a public use proceeding	\$
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140	110	240	55	Petition to revive - unavoidable	\$
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141	1,210	241	605	Petition to revive - unintentional	\$
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142	1,210	242	605	Utility issue fee (or reissue)	\$
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143	430	243	215	Design issue fee	\$
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144	580	244	290	Plant issue fee	\$
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122	130	122	130	Petitions to the Commissioner	\$
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123	50	123	50	Petitions related to provisional applications	\$
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126	240	126	240	Submission of Information Disclosure Statement	\$
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581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$
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146	690	246	345	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
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149	690	249	345	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
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Other Fee (specify) _____ \$				
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Other Fee (specify) _____ \$				
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** Reduced by Basic Filing Fee Paid				
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SUBTOTAL (3) \$0.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Robert E. Bushnell, Esq.

Reg. Number

27,774

Signature

Date

18 January 2000

Deposit Account User ID

REB/sb

Assistant Commissioner for Patents
18 January 2000
Page Two

Docket No.: P55955

Inventor: 1) KEUN-HO SHIN

Title: OPTICAL FILTER AND APPARATUS AND METHOD FOR
MONITORING OPTICAL CHANNEL USING THE OPTICAL
FILTER

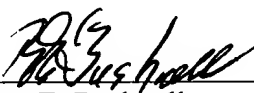
Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the issue fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)
Payor No.: 008-439
Attorney for the Applicant
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Telephone: (202) 638-5740
Telefacsimile: (202) 628-0755

REB/sb

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KEUN-HO SHIN

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 18 January 2000

Art Unit: *to be assigned*

For: OPTICAL FILTER AND APPARATUS AND METHOD FOR MONITORING
OPTICAL CHANNEL USING THE OPTICAL FILTER

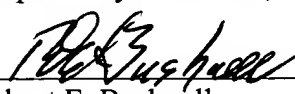
TRANSMITTAL OF DECLARATION

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell,
Attorney for the Applicant
Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W.
Washington, D.C. 20005
(202) 638-5740

Folio: P55955
Date: 1/18/00
I.D.: REB/sb

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